

Title (en)

Resin coated carriers for electrostatic image development and the method of preparing the same.

Title (de)

Kunststoffüberzogene Träger zur Entwicklung elektrostatischer Bilder und ihre Herstellung.

Title (fr)

Agent véhiculant revêtu d'une résine, pour développement d'une image électrostatique et procédé pour sa fabrication.

Publication

**EP 0448030 A1 19910925 (EN)**

Application

**EP 91104208 A 19910319**

Priority

JP 6820290 A 19900320

Abstract (en)

A carrier for electrostatic image development comprising a resin coated carrier particle which comprises a core particle and a resin coated on the surface thereof, whose resin is coated by a dry method with secondary particles composed of elementary resin particles with a volume average particle size of not more than 0.5  $\mu\text{m}$  that are fused on their surface, wherein the secondary particles have BET specific surface areas of 5 to 150  $\text{m}^2/\text{g}$ ; and a volume average particle size of 1.5 to 5.0  $\mu\text{m}$ .

IPC 1-7

**G03G 9/113**

IPC 8 full level

**G03G 9/097** (2006.01); **G03G 9/113** (2006.01)

CPC (source: EP US)

**G03G 9/1131** (2013.01 - EP US); **G03G 9/1132** (2013.01 - EP US); **Y10T 428/2998** (2015.01 - EP US)

Citation (search report)

- [A] EP 0020181 A1 19801210 - XEROX CORP [US]
- [A] EP 0022347 A1 19810114 - XEROX CORP [US]
- [A] US 4209550 A 19800624 - HAGENBACH ROBERT J [US], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 245 (P-729)(3092) 12 July 1988, & JP-A-63 037358 (MINOLTA CAMERA CO LTD) 18 February 1988,
- [AD] PATENT ABSTRACTS OF JAPAN vol. 13, no. 37 (P-819)(3385) 27 January 1989, & JP-A-63 235959 (KONICA CORP) 30 September 1988,

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